

# Cal OES

## Daily Weather Threat Briefing

Regional Operations Center

Western Region

Friday, September 2



**Day 1 (Friday):** Very hot, dangerous, and near record-setting temperatures are expected across much of Southern California and spreading into parts of the Central Valley. Fire weather conditions will also remain highly elevated for much of the state due to the building heat and ongoing very dry conditions.



# Weather Risk Outlook

Regional Operations Center  
Western Region  
Friday, September 2

	Fri, Sep 2	Sat, Sep 3	Sun, Sep 4	Mon, Sep 5	Tue, Sep 6	Wed, Sep 7	Thu, Sep 8
<b>Fire Weather</b> Low RH / Wind / Dry T-Storms	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern
<b>Thunderstorms</b> Wind / Hail / Tornadoes							
<b>Heat</b>	Inland/ Southern	All Regions	All Regions	All Regions	Inland	Inland	Inland
<b>Cold</b>							
<b>River Flooding</b>							
<b>Wind</b>							
<b>Heavy Rain</b> Flash Flooding / Debris Flow							
<b>Snow</b>							
<b>Coastal Flooding</b>							
<b>Risk Levels</b>	Little to None	Minor		Moderate		Major	Extreme



# Weather Key Points

Regional Operations Center

Western Region

Friday, September 2

- A dangerous heat wave will continue building from Southern California through the Central Valley and along many southern and central coastal areas through the Labor Day weekend, persisting through the middle of next week
  - Widespread temperatures of 95-114°F are forecast for inland areas each day, with temperatures well into the 80s and 90s even spreading to central and southern coastal areas. Temperatures in the 90s to around 100°F are expected to extend into northeastern California
  - Warm overnight low temperatures in the 70s and 80s, and even in the 90s for some southern California foothills, will lead to poor recovery and further compound heat risk impacts
  - Cooler temperatures are expected to return to northern California on Wednesday, and to the remainder of the state on Thursday, though areas of moderate to locally high heat risk impacts are possible across the central valley and southern desert areas.
- Fire weather conditions will remain highly elevated for many areas due to the combination of hot and dry weather, despite any widespread strong winds
  - Any new fires could develop and spread quickly given the record-setting nature of the heat and the ongoing drought
  - A period of more widespread gusty winds across far northern California today (Friday) will bring critical fire weather conditions
  - Isolated thunderstorms are also possible over the southern mountains and possibly the southern Sierra today (Friday) through Monday. No significant precipitation is expected but some lightning strikes could occur.



# Precipitation Forecast

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Western Region  
Friday, September 2

## No Significant Precipitation Expected Over the Next 7 Days

**Important Note:** Forecast precipitation amounts are an average for any particular location. Thunderstorms will produce locally much higher rainfall amounts.

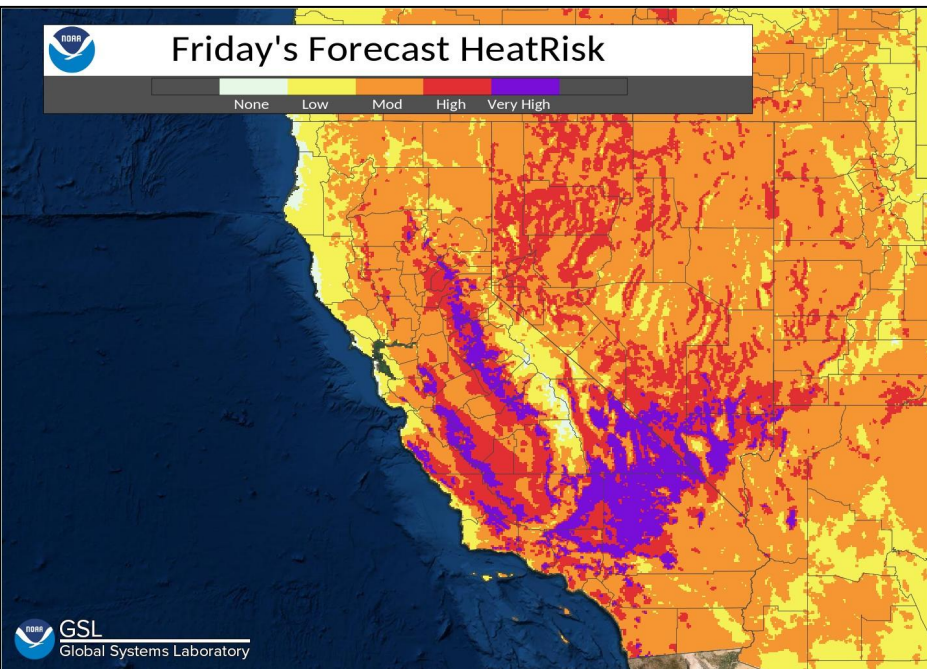
Precipitation (inches)





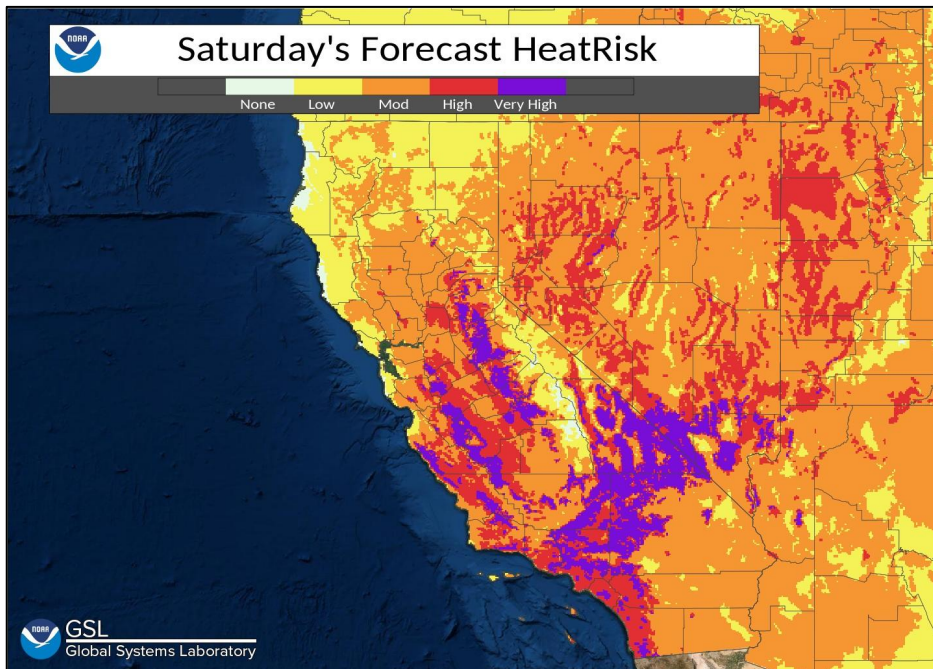
Friday's Forecast HeatRisk

None Low Mod High Very High



Saturday's Forecast HeatRisk

None Low Mod High Very High



Green	Level 0	No Elevated Risk
Yellow	Level 1	Low Risk for those extremely sensitive to heat, especially those without effective cooling and/or adequate hydration
Orange	Level 2	Moderate Risk for those who are sensitive to heat, especially those without effective cooling and/or adequate hydration

Red	Level 3	High Risk for much of the population, especially those who are heat sensitive and those without effective cooling and/or adequate hydration
Magenta	Level 4	Very High Risk for the entire population due to long duration heat, with little to no relief overnight

# Sun-Mon Heat Risk

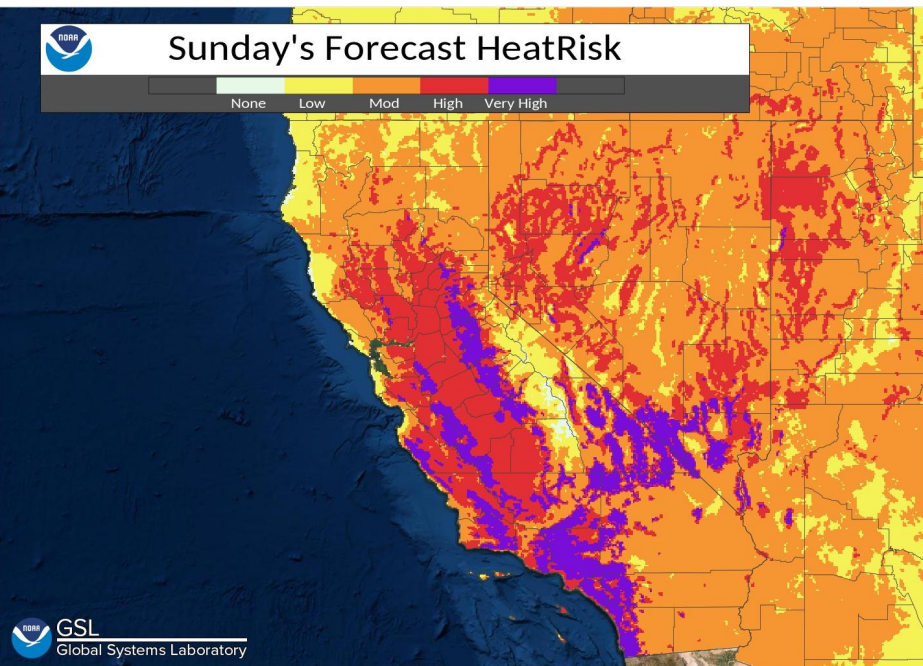
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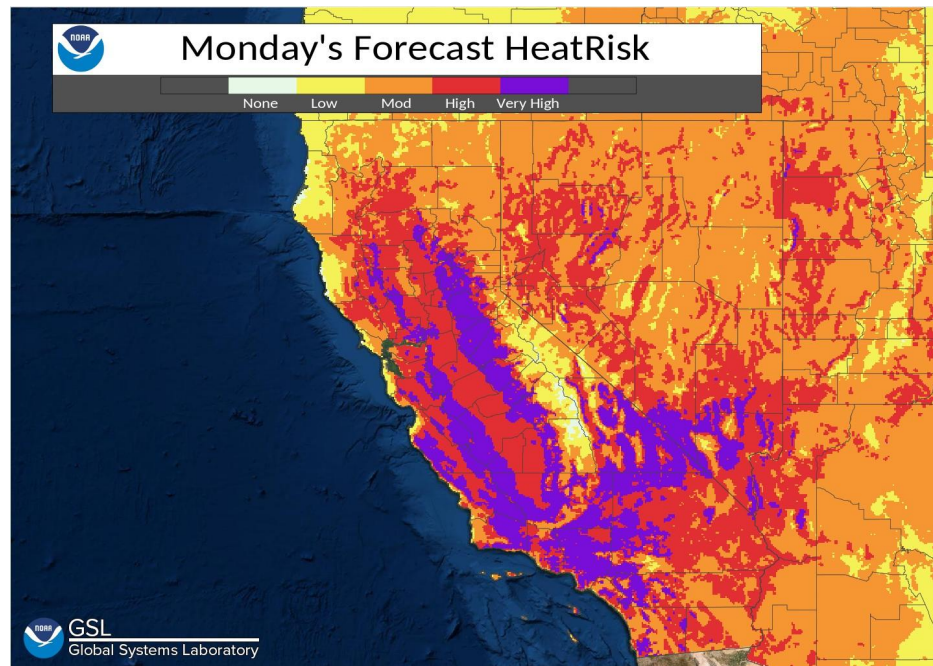
Sunday's Forecast HeatRisk

None Low Mod High Very High



Monday's Forecast HeatRisk

None Low Mod High Very High



Green	Level 0	No Elevated Risk
Yellow	Level 1	Low Risk for those extremely sensitive to heat, especially those without effective cooling and/or adequate hydration
Orange	Level 2	Moderate Risk for those who are sensitive to heat, especially those without effective cooling and/or adequate hydration

Red	Level 3	High Risk for much of the population, especially those who are heat sensitive and those without effective cooling and/or adequate hydration
Magenta	Level 4	Very High Risk for the entire population due to long duration heat, with little to no relief overnight



# Tue-Wed Heat Risk

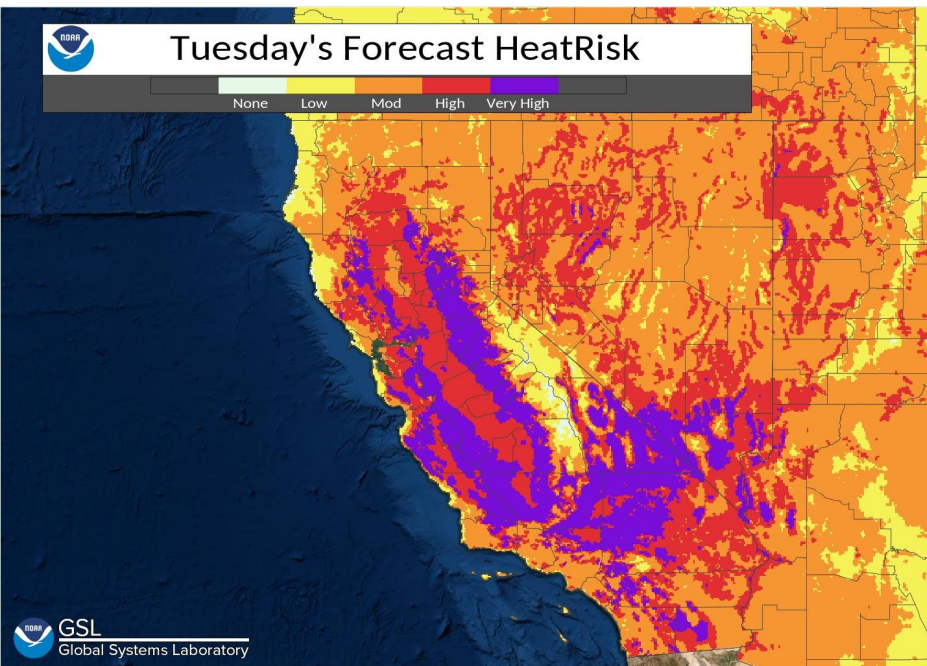
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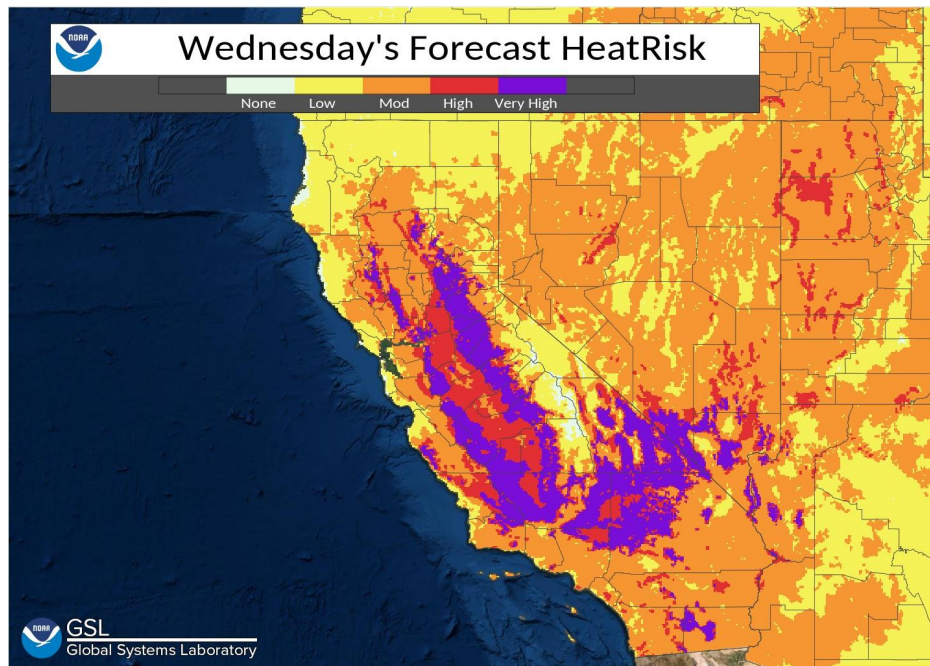
Tuesday's Forecast HeatRisk

None Low Mod High Very High



Wednesday's Forecast HeatRisk

None Low Mod High Very High



Green	Level 0	No Elevated Risk
Yellow	Level 1	Low Risk for those extremely sensitive to heat, especially those without effective cooling and/or adequate hydration
Orange	Level 2	Moderate Risk for those who are sensitive to heat, especially those without effective cooling and/or adequate hydration

Red	Level 3	High Risk for much of the population, especially those who are heat sensitive and those without effective cooling and/or adequate hydration
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# Thu-Fri Heat Risk

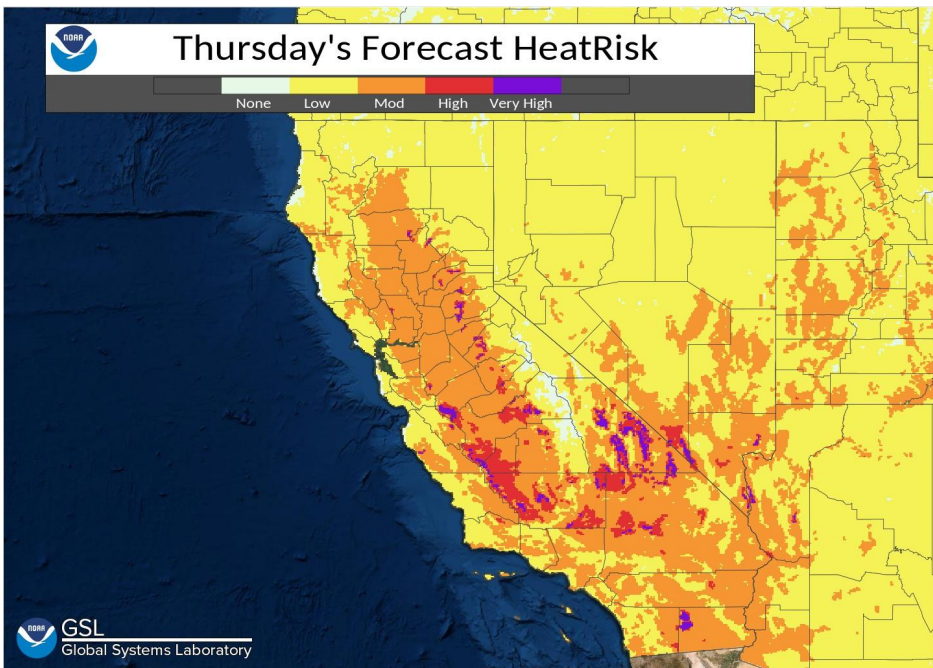
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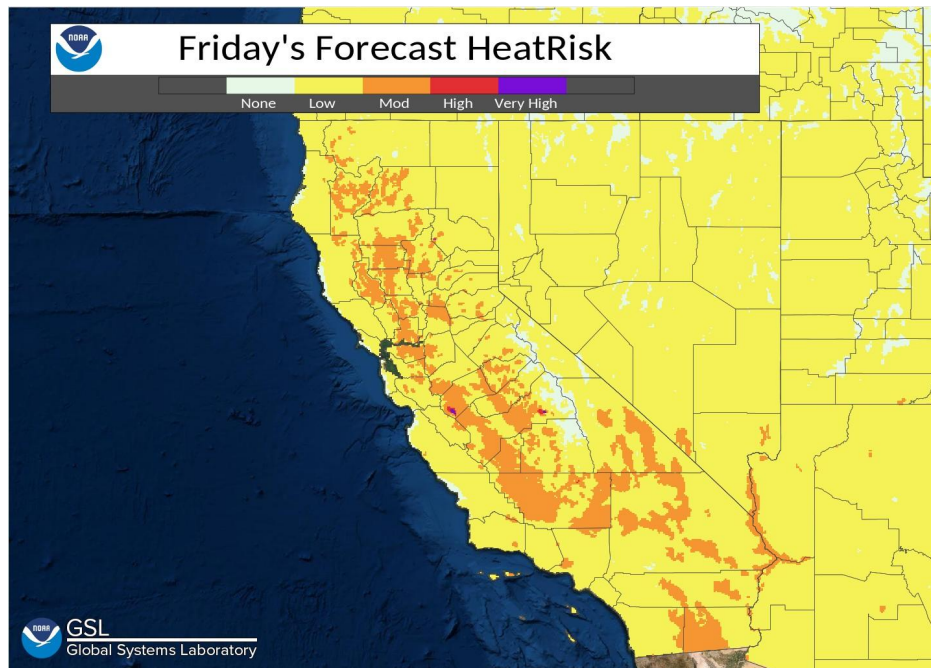
Thursday's Forecast HeatRisk

None Low Mod High Very High



Friday's Forecast HeatRisk

None Low Mod High Very High



Green	Level 0	No Elevated Risk
Yellow	Level 1	Low Risk for those extremely sensitive to heat, especially those without effective cooling and/or adequate hydration
Orange	Level 2	Moderate Risk for those who are sensitive to heat, especially those without effective cooling and/or adequate hydration

Red	Level 3	High Risk for much of the population, especially those who are heat sensitive and those without effective cooling and/or adequate hydration
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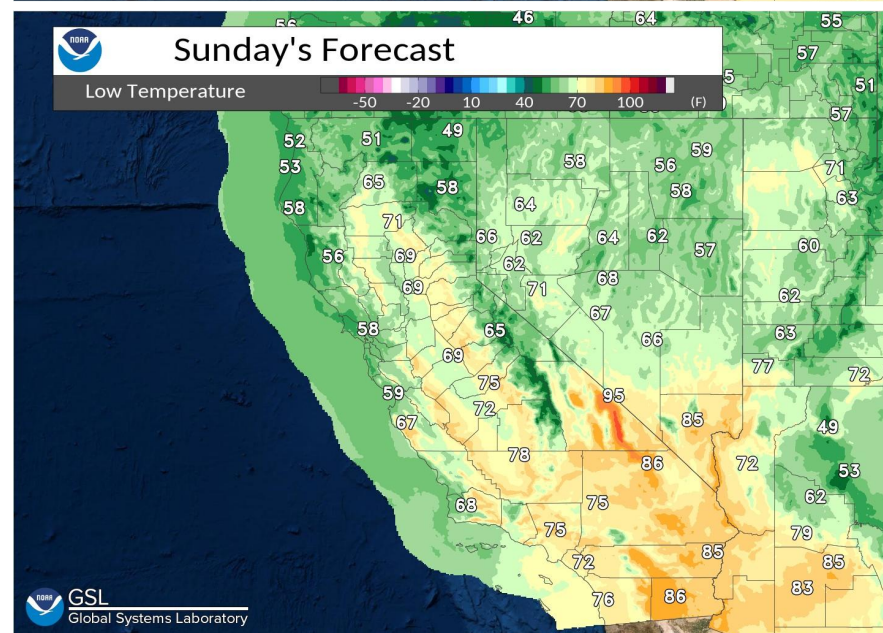
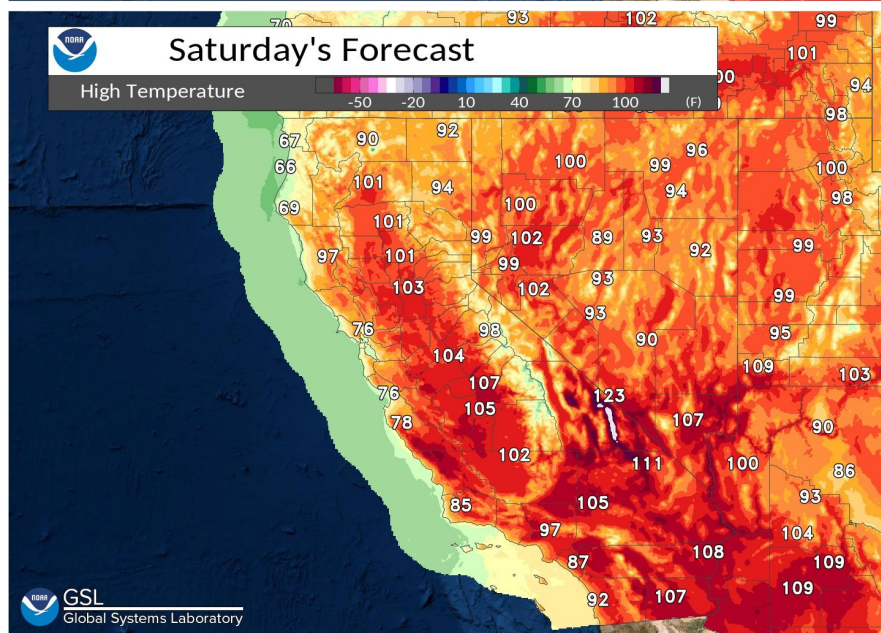
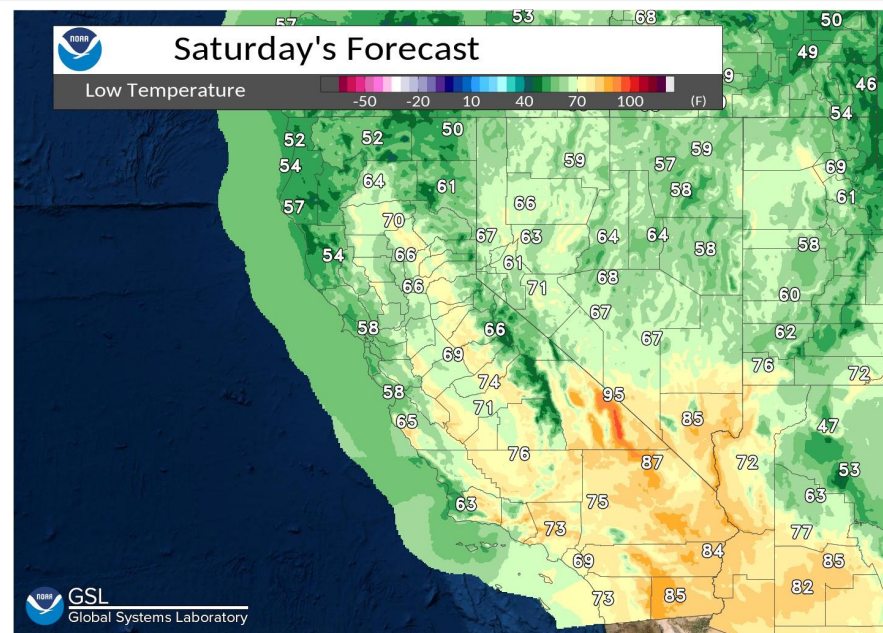
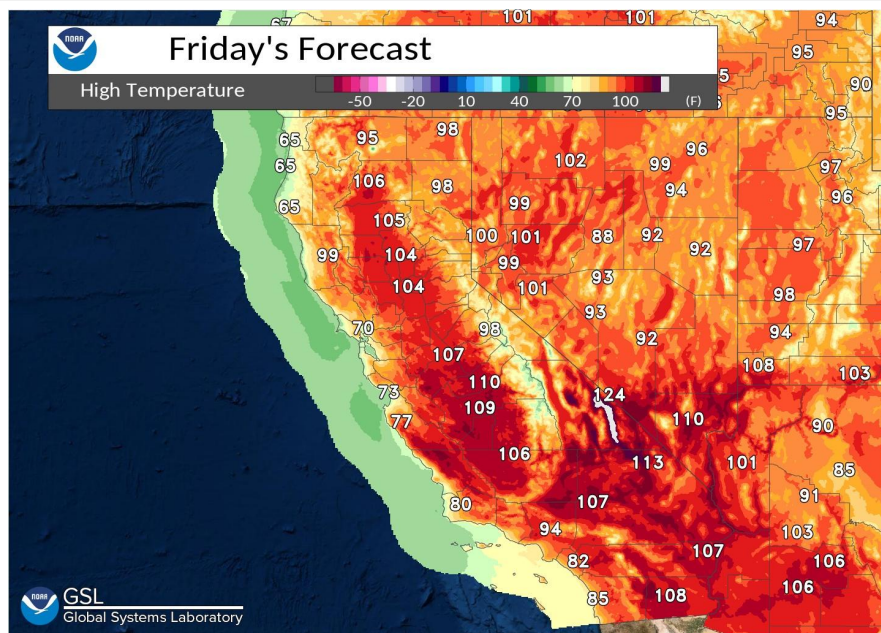


# Fri-Sat Temperatures

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Friday, September 2





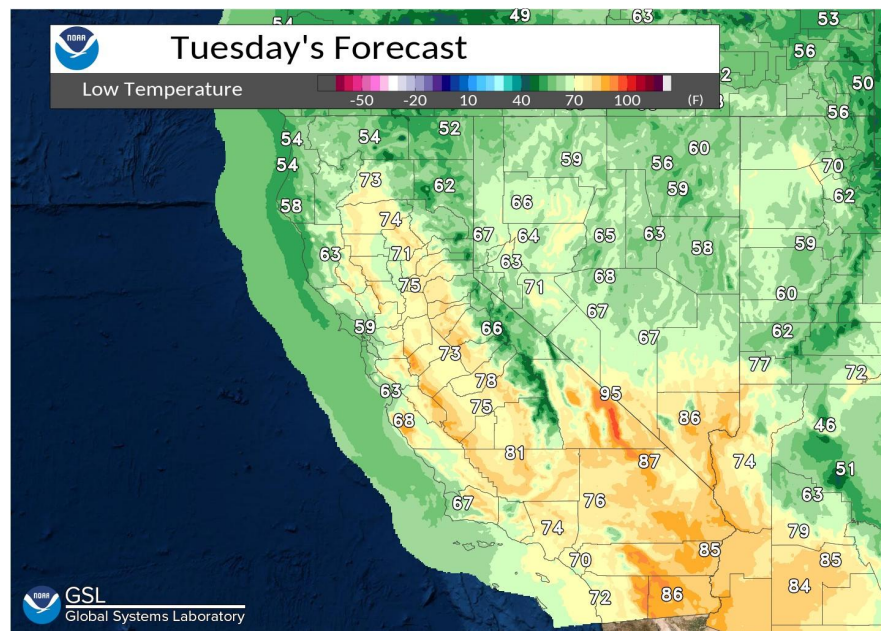
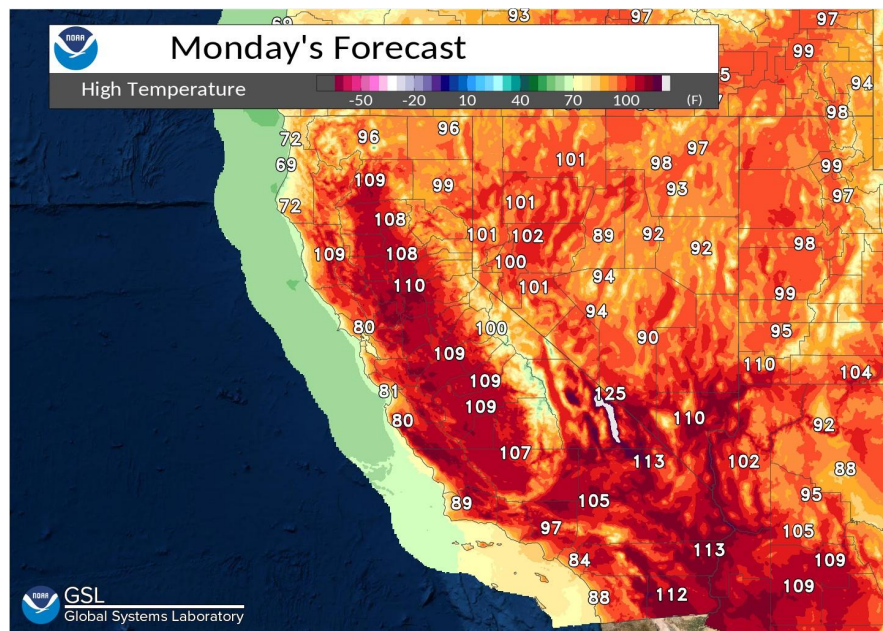
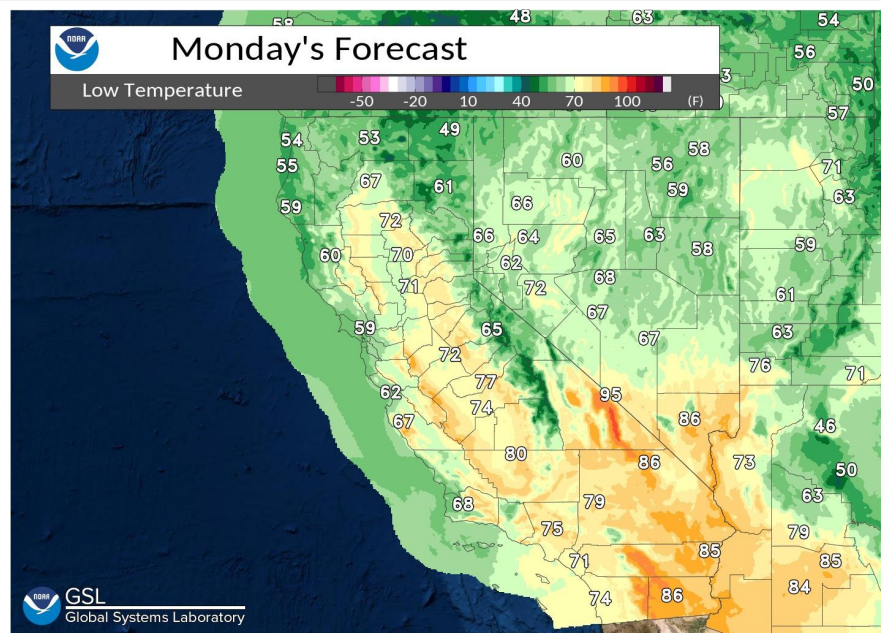
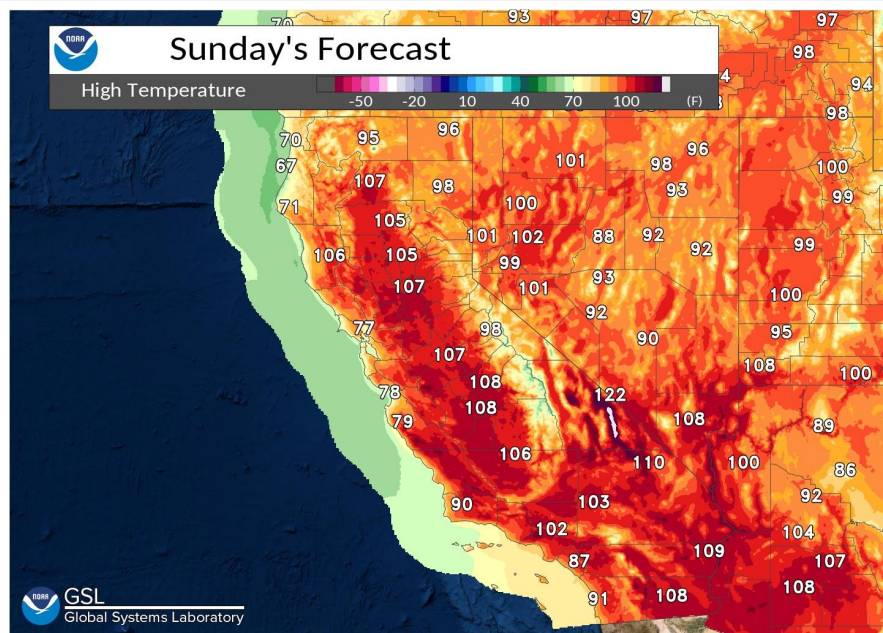


# Sun-Mon Temperatures

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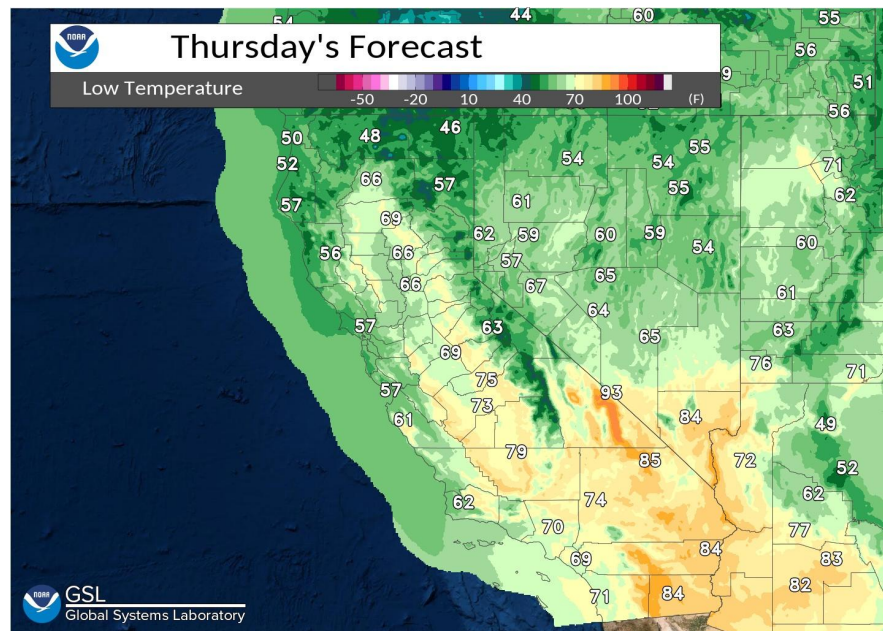
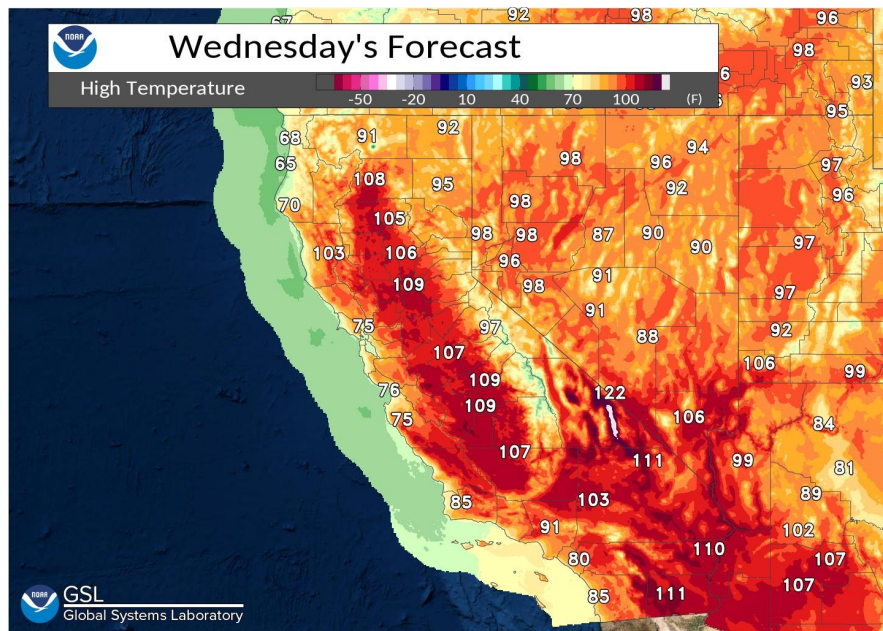
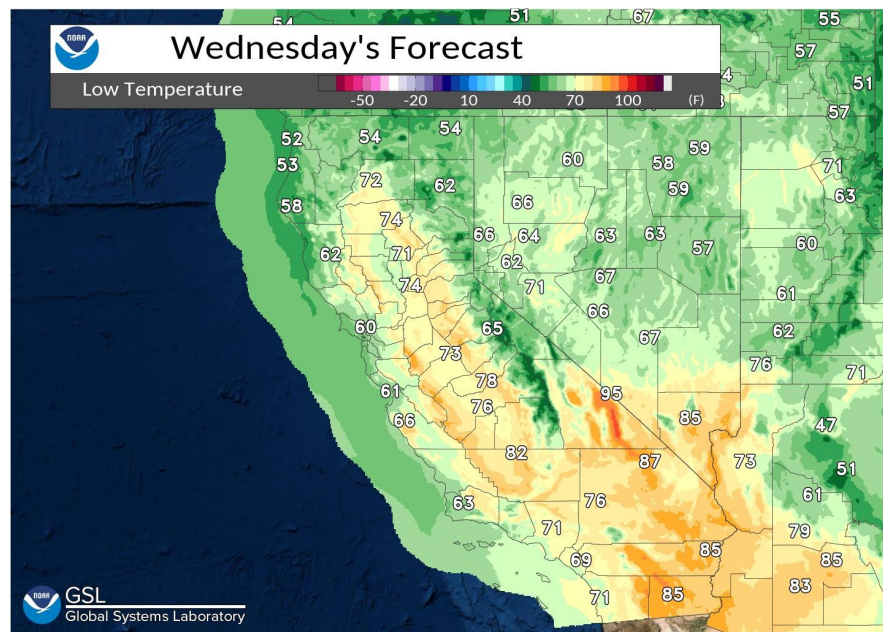
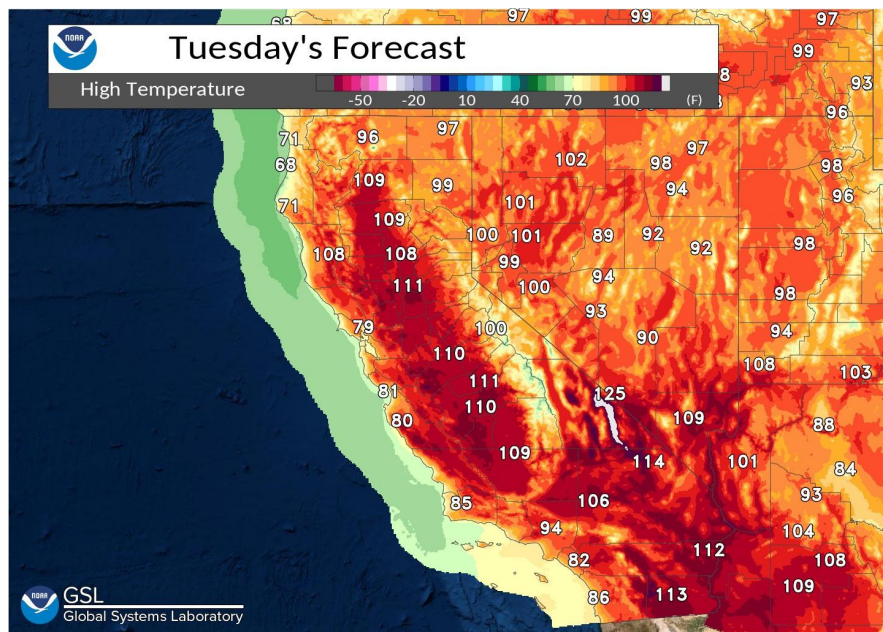


# Tue-Wed Temperatures

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# Weather Outlook (6-14 Days)

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Friday, September 2

## **6-10 Day Outlook (September 7 – September 11)**

### **Temperatures**

- Above normal temperatures are strongly favored to continue statewide

### **Precipitation**

- Above normal precipitation is slightly favored across much of southern California, with near normal precipitation favored for central portions of the state, and below normal precipitation favored over the north

## **8-14 Day Outlook (September 9 – September 15)**

### **Temperatures**

- Above normal temperatures are again favored across the state

### **Precipitation**

- Above normal precipitation is favored over southern California once again, with near normal precipitation favored for the remainder of the state



# Risk Assessment Matrix

Regional Operations Center

Western Region

Friday, September 2

## Impact Level Definition

- Impactful weather is not expected.**
- Potential threat to lives and property if no/incorrect actions are taken.**
  - Localized impacts on commerce possible.
  - Includes events that occur frequently.
- Potential threat to lives and property if no/incorrect actions are taken.**
  - Impacts on commerce possible.
  - Includes events that occur a few times per year.
- Actions likely needed to save lives and/or property.**
  - Significant impacts to commerce possible.
  - Includes events that occur infrequently.
- Actions required to save lives and/or property.**
  - Significant and extended impacts to commerce.
  - Includes exceptionally rare events.

